



Industrial ess Inverter Solar Home 48V 100Ah 200Ah 400Ah 10KWH 15KWH 20KWH 25KWH Energy Storage System All in One Stack

Our Product Introduction

Basic Information

- Brand Name: Pinsheng
- Model Number: PE-11000
- Minimum Order Quantity: 2
- Price: CN¥6,850.95-7,690.70

PINSHENG ENERGY



Product Specification

- Application: Power Tools, Home Appliances, Electric Power Systems
- Battery Type: LiFePO4
- Output Power Range: 20-50 KWh
- System Type: Stackable
- Type: Stackable
- OEM/ODM: Available
- Warranty: 5Years
- Cycle Life: 6000 Times
- Payment: Paypal/TT/Western Union
- Shipping: UPS DHL Fedex TNT
- Application: Home Solar Energy Storage System
- Anode Material: NCM
- Electric Energy: 5000 Wh
- Highlight: **48V solar energy storage system,**

PINSHENG ENERGY



More Images

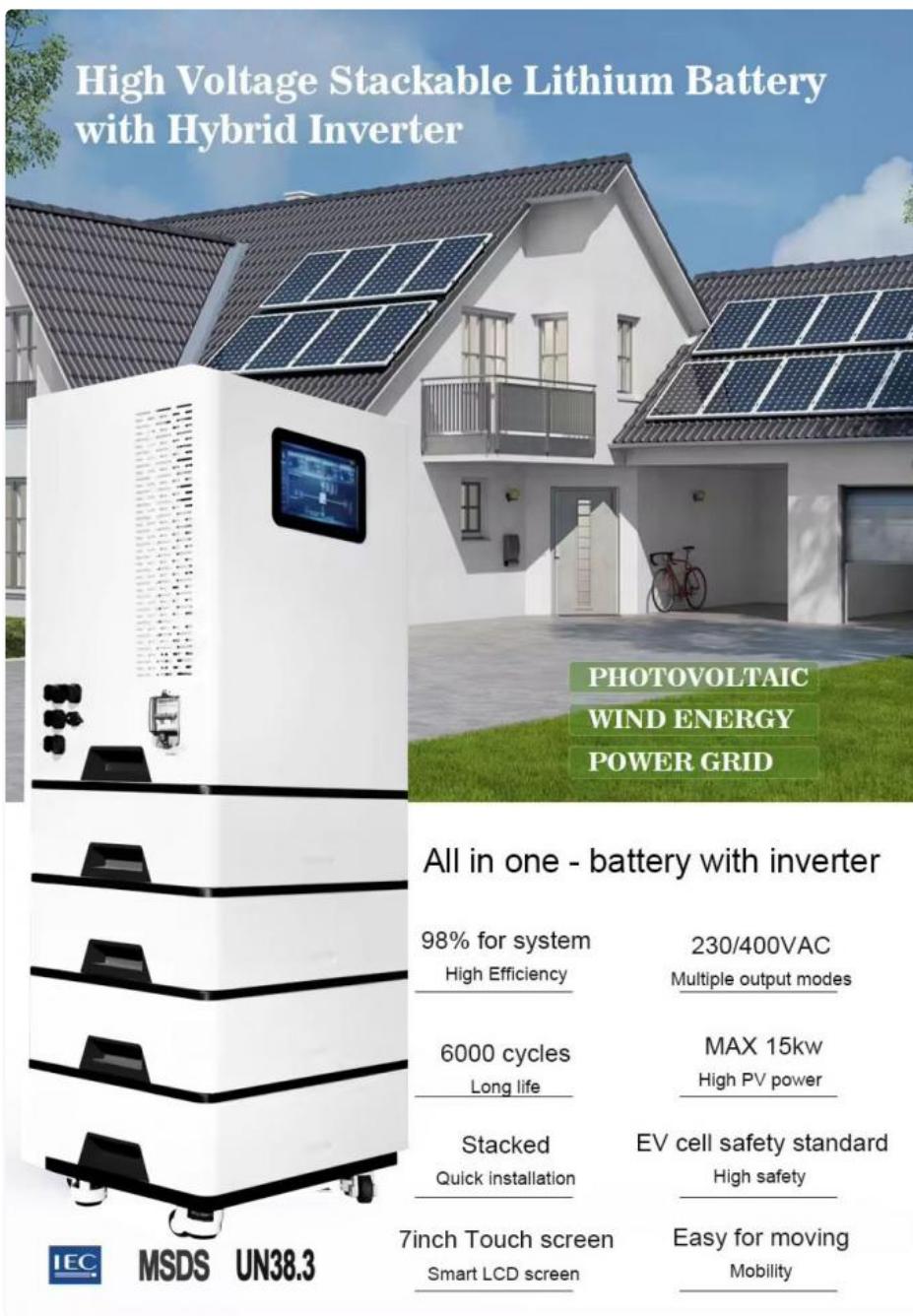


Our Product Introduction

for more products please visit us on rechargeable-lithiunbattery.com

Product Description

Industrial ESS Inverter Solar Home Energy Storage System All in One Stack



High Voltage Stackable Lithium Battery with Hybrid Inverter

The image shows a large, white, modular battery unit with a digital display screen on top. It is positioned in front of a modern house with solar panels installed on its roof. The house has a white exterior and a grey roof. A bicycle is parked near the entrance. The text "PHOTOVOLTAIC", "WIND ENERGY", and "POWER GRID" is displayed in a green box on the right side of the image.

All in one - battery with inverter

98% for system High Efficiency	230/400VAC Multiple output modes
6000 cycles Long life	MAX 15kw High PV power
Stacked Quick installation	EV cell safety standard High safety
7inch Touch screen Smart LCD screen	Easy for moving Mobility

IEC MSDS UN38.3



PINSHENG ENERGY

All-in-one Home Solar Energy Storage System
With the ideal lithium battery

Classic upgraded model to experience the high-speed journey

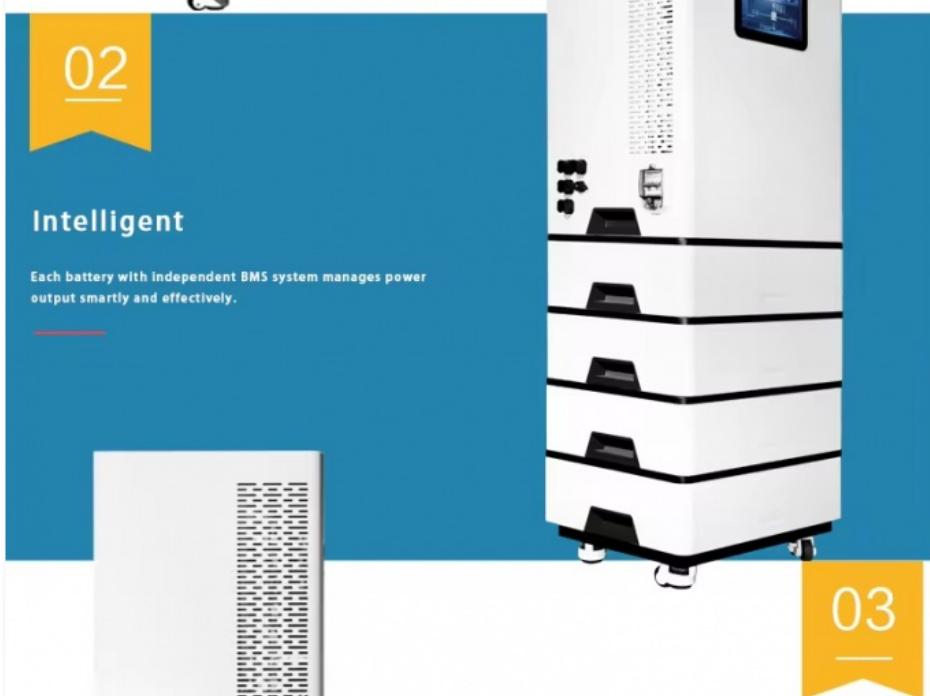
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01

Long life and safety

Vertical industry integration ensures more than 4500 times cycles with 80% DOD. Safe Lithium Iron phosphate battery cell.



02

Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

03



04

Easy to install and use

Just plug and play to minimize the installation time and cost.
Compact and fashionable design fits in your sweet home environment.

Durable Modularization

Modular design gives the end customers the power of choice of capacity.



Arbitrary compatibility with multiple brands

Customizable shape

Compatibility

Compatible with most of the available Hybrid inverters.



Safety Cert

IEC, CE, UN38.3, MSDS.



Exhibition



Company Display





PAYMENT&LOGISTICS

LOGISTICS

BY AIR / BY SEA / EXPRESS / UPS / FEDEX / DHL



T/T

WESTERN UNION

L/C

PayPal

MasterCard

VISA

Trade Assurance

FAQ

Q1 Q:Why choose Pinsheng energy ?

A: Pinsheng Energy have focused on this area over 12 years , it's a manufacturer with strong R&D team ; Professional sales and technical team ; Strict Production process & QC process ; Good after-sales service system etc .

Q2 Q: Can I have a sample order?

A: Yes, we welcome sample order to test and check quality. Customized is available.

Q3 Q: How to proceed an order?

A: Firstly let us know your requirements or application. Secondly we quote according to your requirements or our suggestions.
Thirdly customer confirms the samples and places deposit for formal order.
Fourthly we arrange the production.

Q4 Q: What about the lead time?

A: Sample needs approx 15-25 days, mass production time needs negotiation.

**Sofia Tse**

Sales Manager

**Hunan Pinsheng Energy
Technology Co.,LTD**

2/F, Building 4, Xiangfeng High-Tech Industrial Park, Changsha
County, Changsha City, Hunan Province
M.P.: +86-15675831763/13307465388
P.C: 410100
E-Mail: sofiatse210816@gmail.com

System Overview

Advanced all-in-one energy storage solution featuring stackable design with capacities ranging from 15KWH to 35KWH. Ideal for industrial and residential solar applications with flexible parallel configuration options.

Configuration Flexibility: Supports parallel connection of up to 48-112 battery packs for scalable energy storage capacity.

Basic Parameters

Battery Type	LiFePO4
Communication Port	RS485 WIFI or WAN
Protection Level	IP20

Operating Temperature	-20°C - 55°C
Cooling Method	Intelligent Air Cooling
Built-in Interface	RS485
Installation Way	Stackable
Noise Level	<25dB

Battery Specifications

Parameter	15KWH	20KWH	35KWH
Power	15kwh	20kwh	35kwh
Battery Module Voltage Range	48-112V / 85-400V		
Battery Rated Voltage	51.2V		
Battery Module Quantity	1	2	3
Max Charge/Discharge Current	50A / 100A		
Dimensions (excluding bottom wheel)	620×438×475mm	640×438×624mm	640×438×791mm

Inverter Specifications

Parameter	7KW	10KW	15KW
Inverter Output	7kw	10kw	15kw
Rated Output Power	7600VA	11000W	16500W
Rated Output Voltage	230Vac (L/N/PE single-phase)		
Output Waveform	Pure Sine Wave		
Rated Battery Voltage	48Vdc		
Voltage Range	40-60Vdc		
Protection Grade	IP20, Indoor Use		
Ambient Temperature	-20°C - 55°C (-10°C - 55°C, >45°C Derating)		

Key Features

- Stackable design for flexible capacity expansion
- Advanced LiFePO4 battery technology for safety and longevity
- Multiple communication options including RS485, WIFI, and WAN
- Intelligent air cooling system for optimal thermal management
- Pure sine wave output for clean power delivery
- Low noise operation (<25dB) suitable for residential areas

Wide operating temperature range for various environments



Hunan Pinsheng Energy Technology Co., LTD.

📞 15616151876

✉️ info@pinshengenergy.com

🌐 rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.